

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A system comprising:
an implantable medical device including an electronic circuit;
a near field antenna connected to the electronic circuit for conducting inductively coupled wireless communication with from the implantable medical device; and
a far field antenna connected to the electronic circuit for conducting long range radio frequency (RF) wireless communication with from the implantable medical device according to a duty cycle, and wherein a time of the duty cycle is determined based on a signal received by the near field antenna.

2. (Currently Amended) The system of claim 1, wherein the electronic circuit includes comprises a cardiac rhythm management device.

3. (Currently Amended) The system of claim 1, wherein the near field antenna includes comprises a coil.

4. (Currently Amended) The system of claim 1, wherein the far field antenna includes comprises a dipole antenna.

5. (Currently Amended) The system of claim 1, wherein the far field antenna includes comprises a monopole antenna.

6. (Currently Amended) The system of claim 1, wherein the far field antenna includes comprises a conductor of a therapy lead.

7. (Currently Amended) The system of claim 1, wherein the far field antenna includes comprises a circumferential antenna.

8. (Currently Amended) The system of claim 1, wherein the electronic circuit includes comprises a programmable therapy circuit.

9. (Currently Amended) The system of claim 1, wherein the electronic circuit includes comprises a patient monitoring circuit.

10. (Currently Amended) The system of claim 1, wherein the electronic circuit includes comprises a diagnostic circuit.

11. (Currently Amended) The system of claim 1, wherein the electronic circuit includes comprises an RF transmitter, an RF receiver, or an RF transceiver.

12. (Original) The system of claim 1, further comprising a programmer for wirelessly communicating with the implantable medical device.

13. (Original) The system of claim 12, further comprising an external coil connected to the programmer.

14. (Original) The system of claim 12, further comprising an RF antenna connected to the programmer.

15. (Original) The system of claim 12, further comprising a set of instructions adapted for execution by the programmer for receiving a signal from the implantable medical device.

16. (Original) The system of claim 12, further comprising a set of instructions adapted for execution by the programmer for transmitting a signal to the implantable medical device.

17. (Previously Presented) A method comprising:

coupling a plurality of wireless transmitters and a near field receiver of an implantable medical device to a circuit of the device;

configuring at least one wireless transmitter to operate according to a duty cycle; and

programming the device to select one or more of the plurality of wireless transmitters for transmitting an outbound signal based on an inbound signal received using the near field receiver, and to determine a time of the duty cycle based on the inbound signal.

18. (Currently Amended) The method of claim 17 wherein programming the device to select one or more of the plurality of wireless transmitters ~~includes~~ comprises programming the device to select a transmitter having an inductively coupled antenna.

19. (Currently Amended) The method of claim 17 wherein programming the device to select one or more of the plurality of wireless transmitters ~~includes~~ comprises programming the device to select a transmitter having a far field radiation antenna.

20. (Original) The method of claim 17, further comprising providing a receiver adapted to receive the outbound signal at a far field distance from the implantable medical device.

21. (Original) The method of claim 17 wherein programming the device to select one or more of the plurality of wireless transmitters for transmitting an outbound signal includes programming the device to deselect a far field radio frequency (RF) transmitter of the plurality of wireless transmitters.

22. (Currently Amended) The method of claim 17 wherein coupling a plurality of wireless transmitters ~~includes~~ comprises coupling a transmitter adapted for propagating an RF signal.

23. (Original) The method of claim 17, further comprising providing circuitry for receiving physiological data at the implantable medical device.

24. (Original) The method of claim 17, further comprising providing circuitry for receiving an operational parameter at the implantable medical device.

25-27. (Canceled)

28. (Previously Presented) The method of claim 17, further comprising providing programming to operate the implantable medical device based on data encoded in the inbound signal.

29-35. (Canceled)

36. (Previously Presented) A method comprising:

receiving a first wireless signal from a near field transmission source;
upon receiving the first wireless signal, opening a channel to communicate using a wireless far field link;
receiving data on the channel;
closing the channel after a predetermined period;
storing the data in memory of an implantable medical device; and
operating the implantable medical device based on the memory.

37. (Currently Amended) The method of claim 36, wherein receiving a first wireless signal includes comprises receiving an inductively coupled signal.

38. (Currently Amended) The method of claim 36, wherein opening a channel includes comprises powering a radio frequency receiver.

39. (Original) The method of claim 36, further comprising receiving an update command before operating the implantable medical device based on the memory.

40. (Currently Amended) The method of claim 39, wherein receiving an update command includes comprises receiving an update command from the near field transmission source.

41. (Original) A method comprising:

powering a near field link of an implantable medical device;

powering a far field receiver of the device according to a duty cycle;

transmitting a near field acknowledge signal using the near field link if a near field signal is received; and

powering a far field transmitter of the device after having received a far field key signal using the far field receiver during a time when the far field receiver is powered.

42. (Original) The method of claim 41 further comprising transmitting a far field acknowledge signal using the far field transmitter.

43. (Original) The method of claim 41 further comprising continuously powering the far field receiver after receiving a suspend duty cycle signal.

44. (Currently Amended) The method of claim 43 wherein receiving the suspend duty cycle signal includes comprises receiving a near field signal.

45. (Currently Amended) The method of claim 43 wherein receiving the suspend duty cycle signal includes comprises receiving a far field signal.

46. (Currently Amended) The method of claim 41 wherein powering the near field link includes comprises continuously powering the near field link.